FACILITY NAME/ADDRESS: Credit River Township - Stonebridge 8925 Canter Ln

Prior Lake,MN 55372

STATION INFORMATION:

WS-001 (Influent Waste) Waste Stream, Influent Waste

No Flow ('Yes' or 'No'):

WASTEWATER TREATMENT DISCHARGE MONITORING REPORT

PERMIT# CIMIT STATUS FORMER #

| MONITORING PERIOD | YEAR|MO|DAY | YEAR|MO|DAY | YEAR|MO|DAY | TO: 2011-09-30

PARAMETER		QUA	YTITY	UNITS		CONCENTRATIO	N	UNITS	FREQ OF AN	UENCY ALYSIS	SAMPLE TYPE
Precipitation	SAMPLE VALUE	方式大力表示	0.26		****	大方方大方元	****	****	1	Day	Measur
00193	PERMIT REQ	esene Sugar Programme	REPORT CalMoTot	in in	*****	******	*****		1x	Day	Measur
Flow	SAMPLE VALUE	*****	0.1355		*****	0.0045	0.0063		1	Day	MeaCon
50050	PERMIT REQ		REPORT CalMoTot	MG	******	0.0144 CalMoAvq	0.0216 DailyMax	mgd	1x	Day	MeaCon
BOD, Carbonaceous 05 Day (20 Deg C)	SAMPLE VALUE	*****	*****	****	*****	62.5	*****	227	2	Month	Grab
80082	PERMIT REQ	e ilija ****** Se Se Senigario		iji os ije a dobin Vodanski stratno		REPORT CalMoAvg	6 3 ****** 5 0 4 4 5 6 6 6 6	mg/L	2x	Month	Grab
Solids, Total Suspended (TSS)	SAMPLE VALUE	*****	****	in a second design of	*****	37	*****	5380	2	Month	Grab
00530	PERMIT REQ	*****	*****			REPORT CalMoAvg		mg/L	2x	Month	Grab
pH	SAMPLE VALUE	****	****	9 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5	7.4	*****	7.87	e dienerije SU-Ain	. 2	Month	Grab
00400	PERMIT REQ	XXXXXX	*****		REPORT CalMoMin	Silatania in Ara	REPORT CalMoMax	100	2x	Month	Grab
COMMENTS:		•									

FACILITY NAME/ADDRESS:

Credit River Township - Stonebridge 8925 Canter Ln Prior Lake,MN 55372

STATION INFORMATION:

WS-002 (Septic to Drainfield Monitoring Location)
Waste Stream, Intermediate: WW to Land

NΛ	Flow	('Yes'	 Man.	

No

WASTEWATER TREATMENT DISCHARGE MONITORING REPORT

PERMIT#	LIMIT STATUS	FORMER#
MN0067261	FINAL	

MONITORING PERIOD

YEARIMOIDAY
FROM: 2011-09-01 TO: 2011-09-30

PARAMETER		QUAI	ипту	UNITS		CONCENTRATIO	N	UNITS		UENCY ALYSIS	SAMPLE TYPE
BOD, Carbonaceous 05 Day (20 Deg C)	SAMPLE VALUE	*****	****		*****	6.15	****		2	Month	Grab
80082	PERMIT REQ	*****	*****		0 10 ****** 0.5 1	REPORT CalMoAvg	*****	mg/L	2x	Month	Grab
Solids, Total Suspended (TSS)	SAMPLE: VALUE	****	****		****	4.3	*****	Professional Confession	2 `	Month	Grab
00530	PERMIT REQ	*****	******		******	REPORT CalMoAvg	*****	mg/L	2x	Month	Grab
Chloride, Total	SAMPLE VALUE	****	*****	rendration of Medical	*****	678	****		2	Month	Grab
00940	PERMIT	*****	*****		*****	REPORT CalMoAvg	******	mg/L	2x	Month	Grab
Nitrogen, Total (as N)	SAMPLE VALUE	****	****		****	35.2	****		2	Month	Grab
00600	PERMIT. REQ	*****	****** *******************************		(4) (5) (4) (5) (6)	REPORT CalMoAvq	*****	mg/L	2x	Month	Grab
COMMENTS:	and the same of the same of the same of the same			•	**************************************	,	1	COLUMN CONTRACTOR CONT	**************************************		2000

FACILITY NAME/ADDRESS:

Credit River Township - Stonebridge 8925 Canter Ln Prior Lake,MN 55372

STATION INFORMATION:

WS-003 (Septic Tank Monitoring) Waste Stream, Internal Waste Stream

No Flow ('Yes' or 'No'):

No

WASTEWATER TREATMENT DISCHARGE MONITORING REPORT

PERMIT#	LIMIT STATUS	FORMER#
MN0067261	FINAL	

| MONITORING PERIOD | | YEAR|MO|DAY | YEAR|MO|DAY | FROM: | 2011-09-01 | TO: | 2011-09-30 |

PARAMETER		QUA	NTITY	UNITS		CONCENTRATION		UNITS			SAMPL TYPE
Scum Depth, Maximum of Sample	SAMPLE VALUE	*****	0	10-02 (0-03-14) E	*****	*****	*****		1	Quarter	Measu
00068	PERMIT REQ		REPORT SingleVal	in .		******	AMPAR S		1x	Quarter	Measu
Sludge Depth, Maximum of Sample	SAMPLE VALUE	****	12`		*****	*****	*****		1	Quarter	Measu
04192	PERMIT REQ		REPORT SingleVal	Sea in a sea		el di Calanda	****** *******************************		1x	Quarter	Measu
Remaining Scum Capacity	SAMPLE	*****	3		****	****	****		1	Quarter	Measu
14195	PERMIT		REPORT SingleVal	in Spirit is spirit she Spirit is spirit she	And Carry	*****	10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (1x	Quarter	Measi
Remaining Studge Capacity	SAMPLE VALUE	****	27	designated beta in George penies dans	****	*****	****		1	Quarter	Measu
2109	PERMIT REQ	233444 10 10 10 10 10 10 10 10 10 10 10 10 10 1	REPORT SingleVal	in	gree statement	egranika u nama	at an experience	1000	1x	Quarter	Measu
COMMENTS:				•							

FACILITY NAME/ADDRESS:

Credit River Township - Stonebridge 8925 Canter Ln Prior Lake,MN 55372

STATION INFORMATION:

WS-004 (Septic Tank to Pretreatment Unit) Waste Stream, Internal Waste Stream

No Flow	('Yes'	or 'No')
---------	--------	----------

No

WASTEWATER TREATMENT DISCHARGE MONITORING REPORT

1	PERMIT#	LIMIT STATUS	FORMER#
	MN0067261	FINAL	

| MONITORING PERIOD | YEARIMO|DAY | YEARIMO|DAY | TO: 2011-09-30 |

PARAMETER	9444448	QUAI	VTITY	UNITS	946486	CONCENTRATIO	NA BARANA	UNITS			SAMPL TYPE
BOD, Carbonaceous 05 Day (20 Deg C)	SAMPLE VALUE	*****	*****	ta da api api apina	****	****	22.4	de la composition de la	1	Quarter	Grab
30082	PERMIT	*****	*****	****	*****	*****	REPORT	mg/L	1x	Quarter	Grab
Solids, Total Suspended (TSS)	REQ SAMPLE VALUE	*****	*****		*****	*****	SingleVal 62		1	Quarter	Grab
00530	PERMIT REQ	*****	en de ***** de dig Se de mande de		*****	*****	REPORT SingleVal	mg/L	rosani ig	Quarter	Grab
Chloride, Total	SAMPLE	*****	*****		****	*****	700		1	Quarter	Grab
00940	PERMIT REQ	*****	*****		*****	*****	REPORT SingleVal	mg/L	1x	Quarter	Grab
litrogen, Total (as N)	SAMPLE VALUE	****	****		****	****	50.1		1	Quarter	Grab
00600	PERMIT REQ	*****	n or suller			******	REPORT	mg/L	1x	Quarter	Grab
COMMENTS:	E CONTROL OF THE CONT						SingleVal		111466 (01146)		

Stonebridge

Supplemental Report Form: Permit No: MN0067261 Station ID: WS001 and WS002

WS-001 pH: 7.87 WS-001 pH: 7.4

Date: September

				i								Pri	mary 1	reatme	ent		F-661.		10004		•					Secon	dary Ti ient - V		nt				s	eptic 1	Tank to Efflue			ent Un	it			
		ਰਿ	ক		 -	٠	T	7	Influe		r1		T		Γ	7	1 -	T	VS001	71	1	-		T	····	1	T	ĭ		Γ					7	استسر	1				$\overline{\Box}$	
Date	Flow (gal/day)	Influent Flow (mgd)	Effluent Flow (mgd)	Precipitation (in)	CBOD (mg/L)	TSS (mg/L)	Phos. (mg/L)	Total Nitrogen (mg/L)	Ammonia (mg/L)	Nitrate + Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	TKN (mg/L)	CBOD (mg/L)	TSS (mg/L)	Phos. (mg/L)	Total Nitrogen (mg/L)	Ammonia (mg/L)	Nitrate + Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	TKN (mg/L)	CBOD (mg/L)	TSS (mg/L)	Phos. (mg/L)	Total Nitrogen (mg/L)	Ammonia (mg/L)	Nitrate + Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	TKN (mg/L)	CBOD (mg/L)	TSS (mg/L)	Phos. (mg/L)	Total Nitrogen (mg/L)	Ammonia (mg/L)	Nitrate + Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	TKN (mg/L)	WS002 Chloride (mg/L)	WS004 Chloride (mg/L)
1-Sep	6,281	0.0063	0.0063	0.00																						***************************************	(mAwana)						**********		***************************************		***************************************				*********	***************************************
2-Sep	5,143	0.0051	0.0051	0.01																																						
3-Sep	6,274	0.0063	0.0063	0.03																																<u>L.</u> !		· .				
4-Sep	5,574	0.0056	0.0056	0.00																													•									-
5-Sep	6,014	0.0060	0.0060	0.00																																						
6-Sep	4,579	0.0046	0.0046	0.00																																l						,
7-Sep	4,461	0.0045	0.0045	0.00										102	52								6.8	7.3		31.9		24.4			7.46					الللا					638	
8-Sep	4,443	0.0044	0.0044	0.00																																						
9-Sep	3,439	0.0034	0.0034	0.00													<u> </u>																				Ш					
10-Sep	4,208	0.0042	0.0042	0.00																																ļ						
11-Sep	4,796	0.0048	0.0048	0.00																																						
12-Sep	3,845	0.0038	0.0038	0.00																														<u>. </u>								
13-Sep	4,362	0.0044	0.0044	0.00																																	Ш					
14-Sep	4,020	0.0040	0.0040	0.00													<u></u>		<u> </u>																	\square'	\bigsqcup					
15-Sep	3,805	0.0038	0.0038	0.00																						<u> </u>									<u> </u>	ļ						
16-Sep	3,922	0.0039	0.0039	0.00																							<u></u>									<u> </u>						
17-Sep	4,181	0.0042	0.0042	0.00																																<u></u>						
18-Sep	4,649	0.0046	0.0046	80.0															ļ															.		<u> </u>	\square				ightharpoonup	
19-Sep	3,869	0.0039	0.0039	0.00																						ļ								<u> </u>	Ш				<u> </u>			
20-Sep	4,644	0.0046	0.0046	0.07																$oxed{oxed}$						<u> </u>	ļ							ļ <u></u>		<u> </u>		<u> </u>				
21-Sep	4,454	0.0045	0.0045	0.04							į									Ш	<u> </u>								ļ <u>.</u>					<u> </u>		<u> </u>	oxdot					
22-Sep	3,893	0.0039	0.0039	0.03										23	22					$\bigsqcup !$			5.5	1.3		38.4		33.4			5.04	22.4	62		50.1	<u> </u>	14.6			35.5	718	700
23-Sep	3,832	0.0038	0.0038	0,00													<u> </u>			!				<u> </u>						<u> </u>					Ш	<u> </u>	Ш					
24-Sep	4,271	0.0043	0.0043	0.00																igsqcup	<u></u>				<u> </u>	ļ									Ш	ļ				l		
25-Sep	5,041	0.0050	0.0050	0.00																oxdot						<u> </u>	<u> </u>	ļ						ļ	igsqcut	<u> </u>	igsqcup					
26-Sep	4,429	0.0044	0.0044	0.00																\bigsqcup														<u> </u>	ļJ	L'	\sqcup			<u> </u>		
27-Sep	4,357	0.0044	0.0044	0.00															ļ	$oxed{}$										<u> </u>				<u>—</u>	igspace	<u> </u>	igspace					
28-Sep	4,751	0.0048	0.0048	0.00												<u> </u>		ļ	<u> </u>															<u>—</u>	Ш	<u> </u>	igspace	_	lacksquare			
29-Ѕер	3,646	0.0036	0.0036	0.00																	$ldsymbol{ldsymbol{ldsymbol{eta}}}$			<u> </u>	<u></u>	ļ	ļ								igsqcup				<u> </u>			
30-Sep	4,339	0.0043	0.0043	0.00																oxdot								<u></u>						 _		Ŀ	igsqcut					
Average	4,517	0.0045	0.0045	0.01	####	####	####	###	####	####	####	####	####	62.5	_37	####	####	####	####	####	####	####	6.15	4.3	####	35.2	####	28.9	####	####	6.25	22.4	62	####	50.1	####	14.6	####	####	35.5	678	700
Total	135,523			0.26						4.17.						<u> </u>	<u> </u>	<u> </u>	<u> </u>	لبا	Ŀ	l	L.,		<u> </u>			L	l			L			<u> </u>	L'	لــــــا	<u> </u>	<u> </u>			

Precipitation data collected from the National Weather Service (www.weather.gov/climate)

Stonebridge September Wastewater Operation Summary Credit River Township

Date: Operator:	Future Maintenance Needs	Comments EcoCluck collected monthly wastewater sampling per the MPCA requirements, verified to be operational. Walk through inspections of the treatment site and mc Seasonal Collection System Inspection and Maintenance occurred in September.		Average Daily Flow Current month reading Previous month reading Increase/decrease	Drainfield Visually inspect the drainfield and walk around mounds. Observe cleanouts in mounds for evidence of ponding. Turn pumps to hand to observe diverter operation. Check for roden activity/apply pesticide System winterized	Advantex AX100 Pods Download pump run times and event counters Verify pumps are operational Observe 6-way diverter operation Test amp draws of pumps Clean Biotube filters and pump inlet screens Sample influent as required by permit Check for orifice plugging Visually inspect treatment pods for performance issues Flush dosing lines	General Measure sludge and scum in STEP septic tanks Clean Biotube STEP filters and test pump operation Pull pump, clean inlet screen Monitor flow via TCOM Perform collection system maintenance	Monitoring Wells Sample as required by permit (April, July, October) Take water level measurements Take field tests for conductivity, temp, PH
09/07/11 SK	ce Needs	i monthly waste tional. Walk th		ling ding	drainfield and in mounds for e d to observe div ctivity/apply pes	Pods In times and ever perational erter operation sumps rs and pump inle required by per lugging atment pods for	d scum in STEP P filters and tes let screen COM system mainten	by permit (Apr easurements conductivity, te
09/13/11 SS		water sampling prough inspections and Mainten		4,517 ga 4,329 ga 188 ga	walk around mou vidence of pondi erter operation. sticide	nt counters et screens nut	septic tanks t pump operation	ii, July, October) anp, PH
09/21/11 SK		er the MPCA sof the treatma		gallons per day gallons per day gallons per day	nds.	nes :		
09/28/11 TB/SS		requirements ent site and n in September	Average Daily Flow (gpd)	,	6 4 6 6	444211411	2 - 1 - 1	Frequency 3 / year 3 /year 3 /year
		Daily was	→ N (0 A	(n o	6 / month 6 / month 4 / year 6 /year 1 / year	/ month / month / year / month / year / month / year / month / year / year	/ year / year / year / year / week / week	eguency 3 / year 3 /year 3 /year
		0 S S ite flows w	3,000	6,000	•			
		Comments SONDJEMANJ EcoCheck collected monthly wastewater sampling per the MPCA requirements. Daily waste flows were monitored, logged and pumps verified to be operational. Walk through inspections of the treatment site and mound system were performed. Seasonal Collection System Inspection and Maintenance occurred in September.		Stonebridge Flow Data	x Completed x Completed x Completed x Completed Completed	x Completed x Completed x Completed x Completed Completed Completed Completed Completed	Completed Completed X Completed Completed	Completed Completed
		I A M J J A S and pumps		es a	Not Completed Not Completed Not Completed Not Completed Not Completed X Not Completed	Not Completed Not Completed Not Completed Not Completed X Not Completed Not Completed Not Completed Not Completed Not Completed	x Not Completed x Not Completed x Not Completed x Not Completed Not Completed	x Not Completed x Not Completed x Not Completed
			. •					

"We're more than just operators...."

PACE Sample: 509432

Description: WS-001

Sample Date: 9/7/2011 11:00:00 AM

Matrix: Aqueous Sample Type: Grab

PACE COC: 119017

Cilent: -EcoCheck
Project: VM4423 - Stonebridge

Sampled By: Client Report Date: 9/27/2011

Rec'd Temperature: 3.1 °C

· i	Solids, Nonfilterable (TSS) 52 1 mg/L USGS I-3765-85	CBOD 102 40 mg/L SM 5210B	Analyte Result RL Units Method
			5
	9/14/2011	9/8/2011 07:23	9 Analysis Date

PACE Sample: 509433
Description: WS-002
Sample Date: 9/7/2011 11:10:00 AM

Matrix: Aqueous Sample Type: Grab

PACE COC: 119017

Client: - EcoCheck
Project: VM4423 - Stonebridge
Sampled By: Client
Report Date: 9/27/2011

Rec'd Temperature: 3.1 °C

				Prepared	Analysis
Analyte	Result	RL Units	Method	Date	Date
СВОР	6.8	6 mg/L	SM 5210B		9/8/2011 07:23
Chloride	638	5 mg/L	EPA 300.0		9/21/2011 21:40
Nitrogen, Nitrate+Nitrite	24.4	0.5 mg/LasN	EPA 353.2		9/14/2011 09:45
Nitrogen, Total	31.9	0.5 mg/LasN	EPA 351.2/353.2		9/26/2011 13:24
Nitrogen, Total Kjeldahl	7.48	0.5 mg/LasN	EPA 351.2	9/21/2011	9/22/2011 13:13
Solids, Nonfilterable (TSS)	7.3	1 mg/L	USGS I-3765-85		9/14/2011

PACE Sample: 513082 Description: WS-001

Sample Date: 9/22/2011, 12:40:00 PM

Matrix: Aqueous Sample Type: Grab

PACE COC: 119567

Client: - EcoCheck Project: VM4423 - Stonebridge Sampled By: Client Report Date: 10/3/2011

Rec'd Temperature: 5.7 °C

				Prepared	Analysis
Analyte	Result	RL Units	Method	Date Date	Date
	23	12 mg/L	SM 5210B		9/23/2011 09:07
Solids, Nonfilterable (TSS)	22	. 1 mg/L	USGS 1-3765-85		9/27/2011

PACE Sample: 513083 Description: WS-002

Sample Date: 9/22/2011 1:00:00 PM

Matrix: Aqueous Sample Type: Grab

PACE COC: 119567

Client: -EcoCheck
Project: VM4423 - Stonebridge
Sampled By: Client

Rec'd Temperature: 5.7 °C Report Date: 10/3/2011

Analyte	Result	RL Units	Method	Prepared Date	Analysis Date
CBOD	5.5	5.2 mg/L	SM 5210B		9/23/2011 09:07
Chloride	718	5 mg/L	EPA 300.0		9/30/2011 05:39
Nitrogen, Nitrate+Nitrite	33.4	0.5 mg/LasN	EPA 353.2		9/27/2011 10:42
Nitrogen, Total	38.4	0.5 mg/LasN	EPA 351.2/353.2		9/30/2011 11:01
Nitrogen, Total Kjeldahl	5.04	0.5 mg/LasN	EPA 351.2	9/29/2011	9/30/2011 07:32
Solids, Nonfilterable (TSS)	1.3	1 mg/L	USGS I-3765-85		9/27/2011

PACE Sample: 613081 Description: WS-004

Sample Date: 9/22/2011 12:50:00 PM

Matrix: Aqueous Sample Type: Grab

PACE COC: 119566

Client: - EcoCheck Project: VN4423 - Stonebridge Sampled By: Client

Rec'd Temperature: 5.7 °C Report Date: 10/3/2011

			Prepared	Analysis	
Result	RL Units	Method	Date	Date	1
<22.4	22.4 mg/L	SM 5210B		9/23/2011 09:07	
700	5 mg/L	EPA 300.0		9/30/2011 05:15	
14.6	0.2 mg/LasN	EPA 353.2	•	9/27/2011 10:45	
50.1	2.5 mg/Las N	EPA 351,2/353.2		9/30/2011 11:00	
35.5	2.5 mg/LasN	EPA 351.2	9/29/2011	9/30/2011 07:35	
62	1 mg/L	USGS I-3765-85		9/27/2011	
	Result <22.4 700 14.6 50.1 35.5 62		RL Units 22.4 mg/L 5 mg/L 0.2 mg/L as N 2.5 mg/L as N 1 mg/L	RL Units Method 22.4 mg/L SM 5210B 5 mg/L EPA 300.0 0.2 mg/L as N EPA 353.2 2.5 mg/L as N EPA 351.2/353.2 2.5 mg/L as N EPA 351.2 1 mg/L USGS 1-3765-85	RL Units Method Prepared 22.4 mg/L SM 5210B 5 mg/L SM 5210B 0.2 mg/L as N EPA 300.0 2.5 mg/L as N EPA 353.2 2.5 mg/L as N EPA 351.2/353.2 2.5 mg/L as N EPA 351.2 351.2/353.2 9/29/2011 1 mg/L USGS I-3765-85